#### State of California AIR RESOURCES BOARD

### EXECUTIVE ORDER A-3-190 Relating to Certification of New Motor Vehicles

#### DAIMLERCHRYSLER AG

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That 2000 model-year DaimlerChrysler AG exhaust emission control systems are certified as described below for passenger cars:

<u>Emission Standard Category</u>: Low-Emission Vehicle (LEV)

<u>Fuel Type</u>: Gasoline

Engine Family: YMBXV05.0GNB Displacement: 4.3 Liters (260 Cubic Inches)

5.0 Liters (303 Cubic Inches)

### Exhaust Emission Control Systems & Special Features:

Sequential Multiport Fuel Injection Secondary Air Injection Exhaust Gas Recirculation Dual Three Way Catalytic Converters Dual Warm Up Three Way Catalytic Converters Dual Heated Oxygen Sensors (two)

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The LEV certification exhaust emission standards for this engine family in grams per mile are:

Miles	Non-Methane Organic Gases	Carbon <u>Monoxide</u>	Nitrogen Oxides	Formaldehyde	Carbon <u>Monoxide (20°F)</u>
50,000	0.075	3.4	0.2	0.015	10.0
100,000	0.090	4.2	0.3	0.018	n/a

Reactivity Adjustment Factor (RAF) for NMOG Mass Emission: 0.94

The certification exhaust emission values set forth for non-methane organic gases (NMOG) reflect application of a 0.94 RAF for 2000 model-year LEVs. The LEV certification exhaust emission values for this engine family in grams per mile are:

Miles	Non-Methane Organic Gases	Carbon <u>Monoxide</u>	Nitrogen <u>Oxides</u>	<u>Formaldehyde</u>	Carbon <u>Monoxide (20°F)</u>
50,000	0.022	0.4	0.1	0.001	3.0
100,000	0.022	0.5	0.1	0.001	n/a

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the aforementioned exhaust emission standards based on its submitted plan to comply with the fleet average NMOG exhaust mass emission requirements as set forth in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: That under the submitted NMOG fleet average compliance plan, if the manufacturer incurs a NMOG debit for the aforementioned model year based on the projected NMOG fleet average exceeding the value required by the above-referenced standards and test procedures, all incurred NMOG debits by the manufacturer shall be equalized as required by the standards and test procedures.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the running loss and useful life standards applicable to 1995 and subsequent model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles," and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the "California Refueling Emission Standards and Test Procedures for 1998 and Subsequent Model Motor Vehicles," Title 13, California Code of Regulations, Section 1978, and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" for the aforementioned model year (Title 13, California Code of Regulations, Section 2235).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high-altitude requirements and highway emission standards, and with the California Inspection and Maintenance emission standards in place at the time of certification, as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: That the vehicle manufacturer has demonstrated compliance with the exhaust emission standards at 50 degrees Fahrenheit as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: (For C43 AMG, CLK430, S430 and S500 only) That the listed models also comply with the "Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines" (Title 13, California Code of Regulations, Section 1968.1) for the aforementioned model year.

BE IT FURTHER RESOLVED: (For E430 and SL500 only) That the manufacturer is certifying the listed vehicle models with a partially complying on-board diagnostic system for the aforementioned model year pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(6.2) ("Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty vehicles and Engines").

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control and Smog Index Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this & day of February 1999.

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R. B Summerfield, Chief

Mobile Source Operations Division

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## 2000 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer	DaimlerChrysle	er AG Exh. Eng	jine Famil	y: YMBX	705.0GNB	Evap. Family: Y	MBXR0155MNZ		
All Eng. Code	s in Eng. Fam.;	CA	498	:5 <b>5</b> 5_	X AB965	OVRV Y	s X NO		
Exh. Std.: C	A Tier-1	TLEV	LEV_X	ULEV	SULEV	US EPA	Tior 1 NLEV		
Veh. Class(es	): PC	X LOT1	LDT2_	_MDV1	MDV2	MDV3 MD\	/4MDV5		
	td. for Multi-Class								
Fuel Type(s):	Dedicated	X Flex-Fuel	Dua	ıl-Fuei	Si-Fuel	Gasoline >	Diesel		
	Fuel Type(s): Dedicated X Flex-Fuel Dual-Fuel Bi-Fuel Gasofine X Diesel  CNG LNG LPG M85 Other (specify)								
Emiss. Test Fi	uel(s): Indo	CBG X	CNG	LPG	M85	Other (specify)			
							R 86.113-94		
Evaporative	Emmision Test P								
	n: Std. AMA								
NMOG Test Pr	rocedure:	N/A Sto	i. X Es	uiv	R/L Test Proc	SHED X	Pt Source		
							_ Cubic Inches		
Valves per Cvi	inder:	3	- p	Rate	HP. 275@5	750 / 2026	5500 RPM		
Engine: Fro	ont X Middle	Rear	Ddv	e. EM/	RWN V	AWD 57 Y	4WD-PT		
Exhaust ECS (	eg., MFi, EGR, T	C. CAC)		EL / AIR /	FGB / 2HA25 /2		4970-21		
(	Great transfer of t			(use at	obreviations per s	SAF H936 HIM	331		
				10 41	notional per t				
Engine Code	Vehicle Modeli	Trans. Type	ETW	DEA	ignition	EGR	Catalytic		
	(If coded see		1	O.F	(ECM/PCM)	System	Converter		
	() attachment)		Toct W:	i	Part No.	1 -	Part No.		
	\$ 436	L-5	4500	+=		T	·		
				1	37	71121430000	' !		
				Ì	A0255458932		or A2204900214		
					, 10255-100552		(underhood)		
				Í			A2204900714		
						}	}		
*			1	: !		Ì	Or A2204900814		
			!		1		(underfloor)		
M113-43A	E 430 (RWD)	L-5	4000	7.3	A0265456932	A1121400060	A2104902514		
_						121400000	(underhood)		
· .					1		A2104904214		
							or A2104904314		
<del> </del>						. i	(underfloor)		
M113-43A	E430 (4WD-FT)	L-5	4250	7.9	A0265456932	A1121400060	A2104902514		
						7.112170000	(underhood)		
	1			:			A2104904214		
	ļ	ļ	į				OF		
	j	Ì	ì	:			A2104904314		
	.		ĺ			ľ	(underfloor)		
		.	-						

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Date issued:

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# 2000 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer:	DalmlerChrysk	er AG Exh. Eng	ine Famil	y: <u>YMB</u> )	(V05.0GNB	Evap. Family: Y	MBXR0155MNZ	
All Eng. Codes	s in Eng. Fam.:	CA	498	50\$_	X AB965	OVRV Y	es X NO	
Exh. Std.: C.	A Πer-1	TLEV I	EV_X	ULEV	SULEV	US EPA	Tier-1 NLEV	
Veh. Class(es)	): PC	<u>X</u> LDT1	LDT2	MDV1	MDV2	MDV3 MDV	/4 MDV5	
Veh. Class(es):PC_X_LDT1LDT2MDV1MDV2MDV3MDV4MDV5Single Cert. Std. for Multi-Class Eng. Fam.:N/A (specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4)								
Fuel Type(s): Dedicated X Flex-Fuel Dual-Fuel Bi-Fuel Gasoline X Diesel								
	CNG	I.NG LPC	<b>}</b> ₩	A85	Other (specify	y)		
Emiss. Test Fu	ei(s): Indo _	CBG X	CNG	LPG	M85	Other (specify)		
	Diesel:	13 CCR 22	282	40	CFR 86.113-90	40 CF	R 86.113-94	
Evaporative 8	Emmision Test P	rocedure: C	elifornia_		Federal	x	<del>-</del>	
		X Mod. AMA						
		N/A Std						
Engine Configu	ration:	V-8 Di	spiaceme	ent <u>4.</u>	3 / 5.0 Liters	250 / 303	Cubic Inches	
Valves per Cylii	nder	3	<del></del>	Rate	ed HP:275@5	750 / <b>302</b> 6	5500 RPM	
Engine: Fro	nt X Middle	Rear_	Drive	e: FW(	RWD x	_ 4WD-FT _X	4WD-PT	
Exhaust ECS (e	eg., MFI, EGR, T	C, CAC):	S	FI/AIR/	EGR / 2H02S (2	) / 2 WU-TWC / 2	TWC	
				(use al	bbreviations per S	SAE J1930 JUNS	33)	
Engles Code		<u></u>	I	T	<del></del>	<del></del>	<del></del>	
	Vehicle Models	•		DPA	ignition	EGR	Catalytic	
		(A 4, M 5, etc.)	į.	G#	(ECM/PCM)	ľ	Converter	
M443 50	attachment)	6	Tect Wit	<u> </u>	<del> </del>	T	Part No.	
M113-50	\$L 500	L-5	4500	8.2	A0265456932	A1121400060	A12949 5514	
			· ·	į	ļ		or	
				<u>;</u>		ĺ	A1294905614	
				i	İ	<u> </u>	(underhood)	
							A2204900714	
		ļ					or	
							A2204900814	
M113-50	S 500	L-5	4500	8.1	AA35545033	*****	(underfloor)	
			4500 ş	G. 1	A0265456932	A1121400060	A2204900114	
			i		A0255458932	-	or	
ļ			j		AU235436932		A2204900214	
f	ļ		1		 		(underhood)	
ĺ	. !	1	ļ				A2204900714	
	İ	•	1		; {		or	
İ	ĺ	İ				i	A2204900814	
į	į						(underfloor)	
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## 2000 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer:	DaimlerChrysle	r AG Exh. Engi	ine Family	: YMBX\	/05.0GNB E	Evap. Family: YN	ABXR0155LNZ ←
All Eng. Codes	in Eng. Fam.:	CA	498	fos	X A8965	OVRV Ye	s X NO
Exh. Std.: CA	A Tier-1	TLEV L	EV X	ULEV	SULEV	US EPA	Ties 1 NLEV
Veh. Class(es)	: PC	X LDT1	LDT2	MDV1	MDV2	MDV3 MDV	4MDV5
	-	Eng. Fam.:				-	
							Diesel
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Emiss. Test Fu		CBG_X					
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			•			_	R 86.113-94
Evaporative E		rocedure: C			<del>-</del>		
		X Mod. AMA					
		N/A Std					
		V-S Di					
		3					
Engine: Fro	int Y Middle	Rear	Drive		RWD Y	AWOLET Y	4WD-PT
EXHEUST EOO (6	sg., wii i, 2011, 11	C, CAC):			breviations per S		
	•	-		,000	Di Gricciona par e	AL CIGO COM	.~)
Engine Code	Vehicle Models	Trans. Type	ETW	324	Ignition	EGR	Catalytic
		(A 4, M 5, etc.)	•		• "	System	Converter
	attachment)		Tort Wt	ł	Part No.	I -	Part No.
	C43 AMG	1	3750		A0265453132		A2024900536
				!	,		or
		ļ	•				A2024900636
i			ĺ	!			(underhood)
				•	į		A2024900336
				<u>.</u>	•		or
				!	: !		A2024900436
					i.		(underfloor)
M113-43C	CLK430 (Coupe)	L-5	3750	E.\$	A0265456932	A1121400060	A2084900014
			0,01	<b>3</b> . <b>v</b>		A1121-0000	or
					•	·	A2084900114
į							(underhood)
	Ī						A2084900214
j	ľ				,		or
			į į		·		A2084900314
							(underfloor)
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## 2000 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer:	DalmlerChrysle	r AG EXN. Engl	ne ramily	L AMRY	V05.0GNB	Evap. Family: Yh	MBXR0155LNZ
All Eng. Codes	in Eng. Fam.:	CA	198	_50\$_	X AB965	OVRV Ye	8 X NO
Exh. Std.: Ca	A Tier-1	TLEVL	EV_X	ULEV	SULEV	US EPA	Tior-1 NLEV
							4MDV5
		Eng. Fam.:					
Fuel Type(s):	Dedicated	X Flex-Fuel	Dua	l-Fuel	Bi-Fuel	Gasoline X	Diesel
		LNG LPG					
Emiss. Test Fu		CBG X					
	Diesel:	13 CCR 22	82	40	CFR 86,113-90	40 CF	R 86.113-94
Evaporative 6	Emmision Test Pr	rocedure: Ca	alifornia _		Federal	<u>×</u>	
Service Accum	: Std. AMA _	X Mod. AMA		Mfr ADP	Other (	specify)	
NMOG Test Pro	ocedure:	N/A Std.	X Eq	uiv	R/L Test Proc.	: SHED X	Pt Source
Engine Configu	ration:	V-8 Di	splaceme	nt: 4.3	3 / 5.0 Liters	260 / 303	Cubic Inches
Valves per Cylin	nder:	3		Rate	d HP:27 <b>5@</b> 57	'50 / 302@	5500 RPM
Engine: Fro	nt X Middle	Rear_	Drive	e: FWD	RWD X	4WD-FT X	4WD-PT
		C, CAC):					
		<del></del> -		(use ab	breviations per S	AE J1930 JUN9	3)
· 	<del> </del>		r <del></del>	<del>,</del>	·		
	Vehicle Models			AGG	Ignition	EGR	Catalytic
		(A 4, M 5, etc.)	ì	es		System	Converter
CA/49ST/50ST)	attachment)					Part No.	Part No.
M113-43C	1	i	3750	δ.4	A0265456932	A1121400060	A2084900014
	(Convertible)			!		Ì	or
				: :		-	A2084900114
			;			ĺ	(underhood)
							A2084900214
	3				]		or
				į			A2084900314
			j				(underfloor)
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